

INTERNATIONAL SEARCH REPORT

International Application No

PCT. 52004/026857

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ISHII JENNIFER K ET AL: "Bead-based sandwich hybridization characteristics of oligonucleotide-alkaline phosphatase conjugates and their potential for quantitating target RNA sequences" BIOCONJUGATE CHEMISTRY, vol. 4, no. 1, 1993, pages 34-41, XP002312394 ISSN: 1043-1802 abstract; figure 1 ----- -/--	1-20



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

1 February 2005

Date of mailing of the international search report

14/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>BALAGUER P ET AL: "QUANTIFICATION OF DNA SEQUENCES OBTAINED BY POLYMERASE CHAIN REACTION USING A BIOLUMINESCENT ADSORBENT" ANALYTICAL BIOCHEMISTRY, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 195, no. 1, 15 May 1991 (1991-05-15), pages 105-110, XP000231327 ISSN: 0003-2697 abstract; figure 1</p> <p>-----</p>	1-20
A	<p>TEARE J M ET AL: "Measurement of nucleic acid concentrations using the DyNA Quant and the GeneQuant" BIOTECHNIQUES, vol. 22, no. 6, 1997, pages 1170-1174, XP008041123 ISSN: 0736-6205 the whole document</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

Int'l application No.
PCT/US2004/026857

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-20 (partially)
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210

Continuation of Box II.1

Claims Nos.: 1-20 (partially)

Claims 1-20 refer to methods for determining the concentration of a double stranded nucleic acid molecule. The methods comprise a step carried out on the human or animal body, i.e. "(a) obtaining a biological sample from a subject". Consequently, said methods are not regarded as inventions (Rule 39.1(iv) PCT). The search has been carried out and based on the subject-matter of said claims wherein the step carried out in the human/animal body has been excluded.